

Official

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PATENT

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January 16, 2002  
Date

Linda M. Hykes

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Agee et al.  
Application No. : 09/920,903  
Filed : August 3, 2001  
For : HIGHLY BANDWIDTH-EFFICIENT COMMUNICATIONS

Art Unit : 2631  
Docket No. : 101948023US21  
Date : June 21, 2002

Commissioner for Patents  
Washington, DC 20231

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the above-identified application, I, Jerald J. Gnuschke, declare that I am the Assistant Secretary of AT&T Wireless Services, Inc., an assignee of the above referenced patent application. Documentary evidence of chain of title from eight of the original fourteen inventors to AT&T Wireless Services, Inc. has been filed with and recorded by the United States Patent Office at Reel 9607, Frame 0515 for application serial number 08/993,721, of which the present application is a continuation thereof. A copy of the Notice of Recordation of Assignment Document is hereby attached. Documentary evidence of chain of title from five of the remaining six original

inventors to AT&T Wireless Services, Inc. has been filed with the United States Patent Office. Copies of the Recordation Form Cover Sheets are hereby attached. Documentary evidence of chain of title from the remaining inventor has been submitted to the Patent Office. A copy of the Recordation Form Cover Sheet is hereby attached. The evidentiary documents referred to in the instant Revocation and Substitute Power of Attorney have been reviewed by the undersigned, and it is certified that, to the best of Jerald J. Gnuschke's knowledge and belief, at least partial title is in AT&T Wireless Services, Inc. I hereby revoke all powers of attorney heretofore given and appoint MAURICE J. PIRIO, Registration No. 33,273; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; KATHERINE D. LEE, Registration No. 44, 865; JAMES A.D. WHITE, Registration No. 43,985; EDWARD S. HOTCHKISS, Registration No. 33,904; CHUN NG, Registration No. 36,878; CARINA M. TAN, Registration No. 45,769; STEPHEN E. ARNETT, Registration No. 47,392; BRAIN R. COLEMAN, Registration No. 39,145; MARK A. THOMAS, Registration No. 37,953; BARBARA B. COURTNEY, Registration No. 42,442; PETER J. DEHLINGER, Registration No. 28,006; LEE ANN GORTHEY, Registration No. 37,337 MICHAEL MARTENSEN, Registration No. 46,901; JUDY M. MOHR, Registration No. 38,563; and LARRY THROWER, Registration No. 47,994, all of Perkins Coie LLP, and JERALD J. GNUSCHKE, Registration No. 42,588; and KATHLEEN J. BUCKLEY, Registration No. 40,539, both of AT&T Wireless Services, Inc., as the principal attorneys with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all correspondence to Customer Number 30083.

Bar Code:



3

Bar Code:

**\*30083\***

**30083**

PATENT TRADEMARK OFFICE

AT&T Wireless Services, Inc.

Date:

7/15/02

Jerald J. Gnuschke  
Assistant Secretary



SHV  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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Washington, D.C. 20231

MARCH 17, 1999

PTAS

AT&T CORP.  
SAMUEL H. DWORETSKY  
P.O. BOX 4110  
MIDDLETOWN, NJ 07748-4801



\*100909657A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 11/23/1998

REEL/FRAME: 9607/0515  
NUMBER OF PAGES: 19

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
GIBBONS, DAVID

DOC DATE: 04/20/1998

ASSIGNOR:  
GOLDEN, JAMES TIMOTHY

DOC DATE: 05/13/1998

ASSIGNOR:  
HOOLE, ELLIOTT

DOC DATE: 04/29/1998

ASSIGNOR:  
JESSE, MARY

DOC DATE: 05/07/1998

ASSIGNOR:  
MAXWELL, ROBERT LEE

DOC DATE: 05/06/1998

ASSIGNOR:  
MERCHALEY, ROBERT G., JR.

DOC DATE: 08/17/1998

ASSIGNOR:  
NIX, DAVID J.

DOC DATE: 05/01/1998

9607/0515 PAGE 2

ASSIGNOR:  
RYAN, DAVID JAMES

DOC DATE: 08/13/1998

ASSIGNEE:  
AT&T WIRELESS SERVICES, INC.  
5000 CARILLON POINT  
KIRKLAND, WASHINGTON 98033

SERIAL NUMBER: 08993721  
PATENT NUMBER:

FILING DATE: 12/18/1997  
ISSUE DATE:

SERIAL NUMBER: 08804619  
PATENT NUMBER:

FILING DATE: 02/24/1997  
ISSUE DATE:

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
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FORM PTO-1595 (Rev. 6-93) <span style="float: right;">             RECORDATION FORM COVER SHEET  <b>PATENTS ONLY</b> </span>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
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A. Patent Application No(s). <u>08/993,721</u>	B. Patent No(s). _____				
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: <u>PERKINS COIE LLP</u>  Internal Address: <u>PATENT-SEA</u>  <u>Christopher J. Daley-Watson</u>  Street Address: <u>P.O. Box 1247</u>  City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98111-1247</u>	<b>6. Total number of applications and patents involved</b> ..... <u>1</u>  <b>7. Total Fee (37 CFR 3.41):</b> ..... <u>\$40.00</u>  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number:</b> _____				
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3)  
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Name: RADIX TECHNOLOGIES, INC.

Internal Address: \_\_\_\_\_

Street Address: 329 NORTH BERNARDO AVENUECity MOUNTAIN VIEW State CALIFORNIAZip: 94043Additional names & addresses attached? ☐ Yes ☒ No

## 4. Application number(s) or registration number(s):

If this document is being filed together with a new application,  
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08/993,721

B. Patent No(s).

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Name: PERKINS COIE LLPInternal Address: PATENT-SEAChristopher J. Daley-WatsonStreet Address: P.O. Box 1247City: SEATTLE State: WA ZIP: 98111-1247

## 6. Total number of applications and patents involved \_\_\_\_\_

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7. Total Fee (37 CFR 3.41): \$40.00☒ Enclosed☐ Authorized to be charged to deposit account

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Internal Address: \_\_\_\_\_

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08/993,721

B. Patent No(s).

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## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: PERKINS COIE LLPInternal Address: PATENT-SEAChristopher J. Daley-WatsonStreet Address: P.O. Box 1247City: SEATTLE State: WA ZIP: 98111-1247

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7. Total Fee (37 CFR 3.41): .....\$40.00

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CHRISTOPHER J. DALEY-WATSON

Name of Person Signing

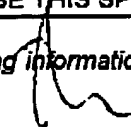
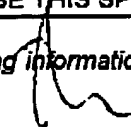
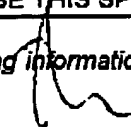
Signature Date 6/12/03

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OMB No. 0651-0011 (exp 4/94)



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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Dates: 1) <u>8/20/00</u> 4) _____ 2) _____ 5) _____ 3) _____ 6) _____	4. Application number(s) or registration number(s):  <p style="text-align: center;">If this document is being filed together with a new application, the execution date of the application is</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">           A. Patent Application No(s).  <u>08/993,721</u> </td> <td style="width: 50%; vertical-align: top;">           B. Patent No(s).    </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	A. Patent Application No(s). <u>08/993,721</u>	B. Patent No(s).  
A. Patent Application No(s). <u>08/993,721</u>	B. Patent No(s).  		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>PERKINS COIE LLP</u> Internal Address: <u>PATENT-SEA</u> <u>Christopher J. Daley-Watson</u> Street Address: <u>P.O. Box 1247</u> City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98111-1247</u>	6. Total number of applications and patents involved ..... <u>1</u>  7. Total Fee (37 CFR 3.41): ..... <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: _____		
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<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Dates: 1) <u>9/4/00</u> 4) _____ 2) _____ 5) _____ 3) _____ 6) _____	<b>4. Application number(s) or registration number(s):</b> <p style="text-align: center;">If this document is being filed together with a new application, the execution date of the application is</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>A. Patent Application No(s).</b>  <u>08/993,721</u> </td> <td style="width: 50%; vertical-align: top;"> <b>B. Patent No(s).</b>            _____         </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>A. Patent Application No(s).</b> <u>08/993,721</u>	<b>B. Patent No(s).</b> _____	
<b>A. Patent Application No(s).</b> <u>08/993,721</u>	<b>B. Patent No(s).</b> _____			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>PERKINS COIE LLP</u> Internal Address: <u>PATENT-SEA</u> <u>Christopher J. Daley-Watson</u> Street Address: <u>P.O. Box 1247</u> City: <u>SEATTLE</u> State: <u>WA</u> ZIP: <u>98111-1247</u>	<b>6. Total number of applications and patents involved</b> ..... <u>1</u> <b>7. Total Fee (37 CFR 3.41):</b> ..... <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <b>8. Deposit account number:</b> _____			
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Name of Person Signing	 Signature	<u>6-1-01</u> Date		

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Additional names of conveying parties attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
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☐ Other \_\_\_\_\_

## Execution Dates:

- 1) MAY 15, 2001 4) \_\_\_\_\_  
 2) \_\_\_\_\_ 5) \_\_\_\_\_  
 3) \_\_\_\_\_ 6) \_\_\_\_\_

## 2. Name and address of receiving party:

Name: AT&amp;T WIRELESS SERVICES, INC.

Internal Address: \_\_\_\_\_

Street Address: 14520 N.E. 87<sup>TH</sup> STREET

City REDMOND State WASHINGTON

Zip: 98052

Additional names & addresses attached? ☐ Yes ☒ No

## 4. Application number(s) or registration number(s):

If this document is being filed together with a new application,  
the execution date of the application is

## A. Patent Application No(s).

08/993,721

## B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: PERKINS COIE LLP

Internal Address: PATENT-SEA

Christopher J. Daley-Watson

Street Address: P.O. Box 1247

City: SEATTLE State: WA ZIP: 98111-1247

## 6. Total number of applications and patents involved

1

## 7. Total Fee (37 CFR 3.41): \$40.00

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4)			_____		
5)			_____		
6)			_____		
Additional names of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Street Address: <u>7277 164<sup>TH</sup> AVENUE NE</u>		
3. Nature of conveyance:			City <u>REDMOND</u> State <u>WASHINGTON</u>		
<input type="checkbox"/> Assignment <input type="checkbox"/> Merger			Zip: <u>98052</u>		
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<input checked="" type="checkbox"/> Other <u>Canadian Patent Office Affidavit under Section 31 of the Patent Act and Exhibits</u>					
Execution Dates:					
1) <u>JULY 1, 2002</u> 4) _____					
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4. Application number(s) or registration number(s):					
If this document is being filed together with a new application, the execution date of the application is _____					
A. Patent Application No(s).			B. Patent No(s).		
08/804,619 09/157,810			6,359,923		
09/723,337 09/920,903					
09/723,338					
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:			6. Total number of applications and patents involved <u>6</u>		
Name: <u>PERKINS COIE LLP</u>			7. Total Fee (37 CFR 3.41): <u>\$240.00</u>		
Internal Address: <u>PATENT-SEA</u>			<input checked="" type="checkbox"/> Enclosed		
Mark A. Thomas			<input type="checkbox"/> Authorized to be charged to deposit account		
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<u>MARK A. THOMAS</u>		<u>Mark A. Thomas</u>		<u>7/12/2002</u>	
Total number of pages including cover sheet, attachments, and document: <u>12</u>					

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DATE: January 29, 2003 COVER SHEET & 13 PAGE(S)

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SENDER:	TELEPHONE:	FACSIMILE:
<u>Laurie Lamoureux</u>	<u>(206) 287-3164</u>	<u>(206) 583-8500</u>

RECIPIENT:	COMPANY:	TELEPHONE:	FACSIMILE:
<u>Attn: Yvonne</u>	<u>USPTO Art Unit 2600</u>	<u>703-306-0377</u>	<u>703-872-9314</u>

RE: **HIGHLY BANDWIDTH-EFFICIENT COMMUNICATIONS**  
Ser. No. 09/920,903  
Agee et al.  
Filed August 3, 2001

Yvonne,

Attached is the Revocation and Power of Attorney we filed in this case on July 16, 2002. Thank you very much for your assistance with this matter. Please let me know if anything further is required.

Laurie Lamoureux

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Commissioner for Patents  
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SENT: July 16, 2002

**PLEASE STAMP AND RETURN**

Please acknowledge receipt of the below-listed documents by placing  
your receiving stamp hereon and mailing:

Renovation and Substitute Power of Attorney with evidentiary  
documents; in re: Brian G. Agre et al., App. No. 09/920,903; Conf.  
No. 8061, filed August 3, 2001, for **HIGHLY BANDWIDTH  
EFFICIENT COMMUNICATIONS**.

Perkins Coie LLP